

Fig. 1

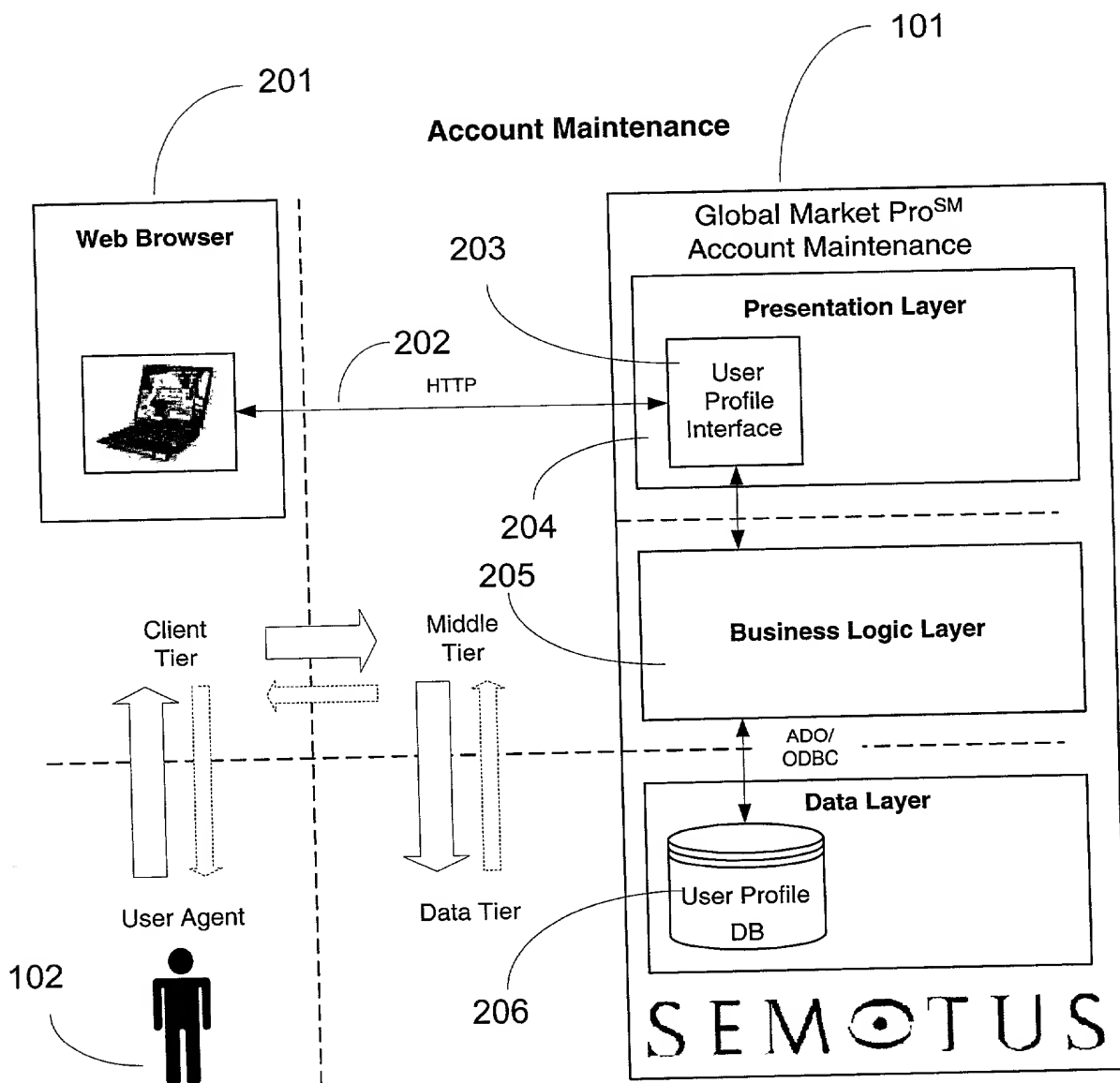


Fig. 2a

093434.0001
T0500T TEE1260

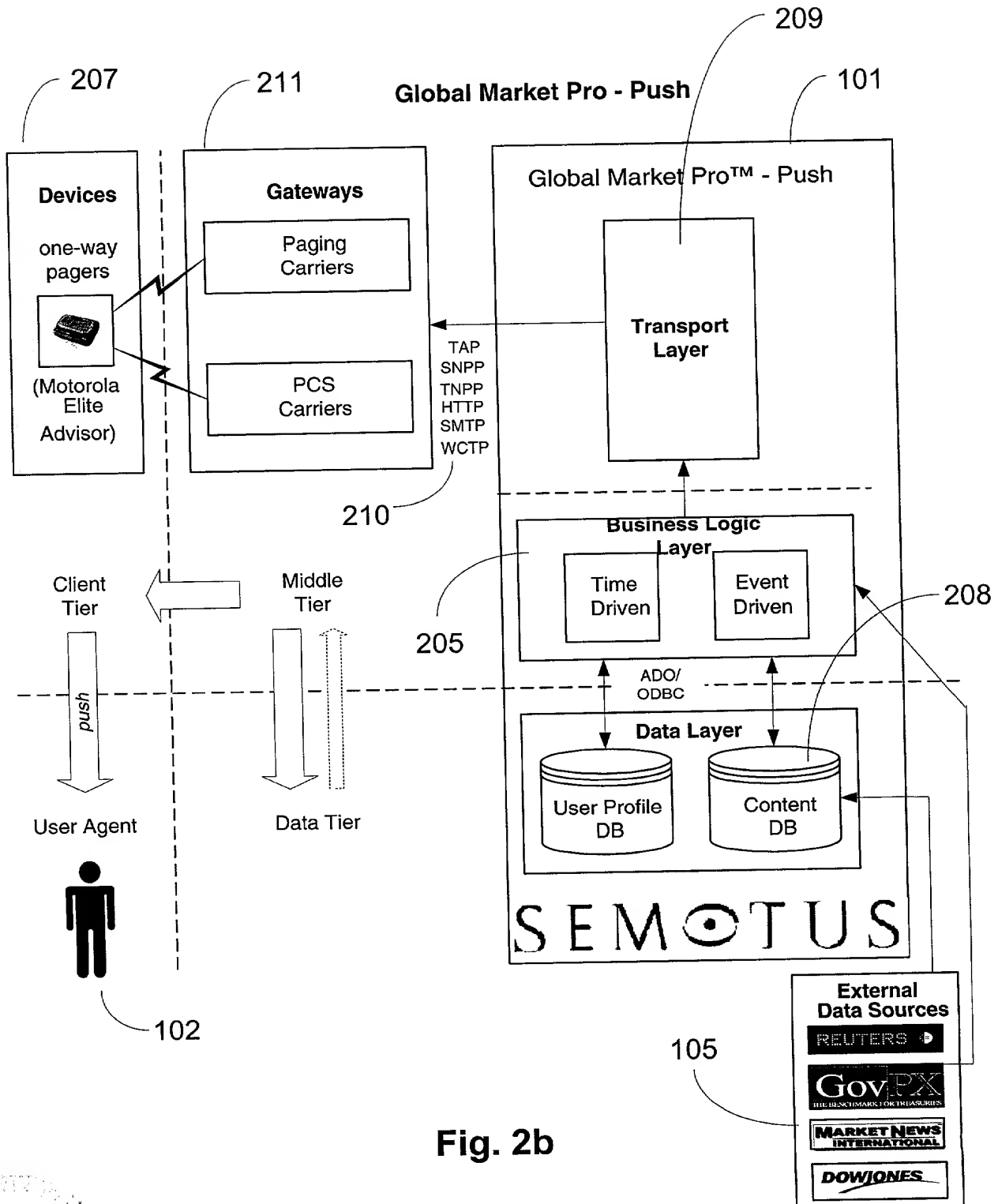


Fig. 2b

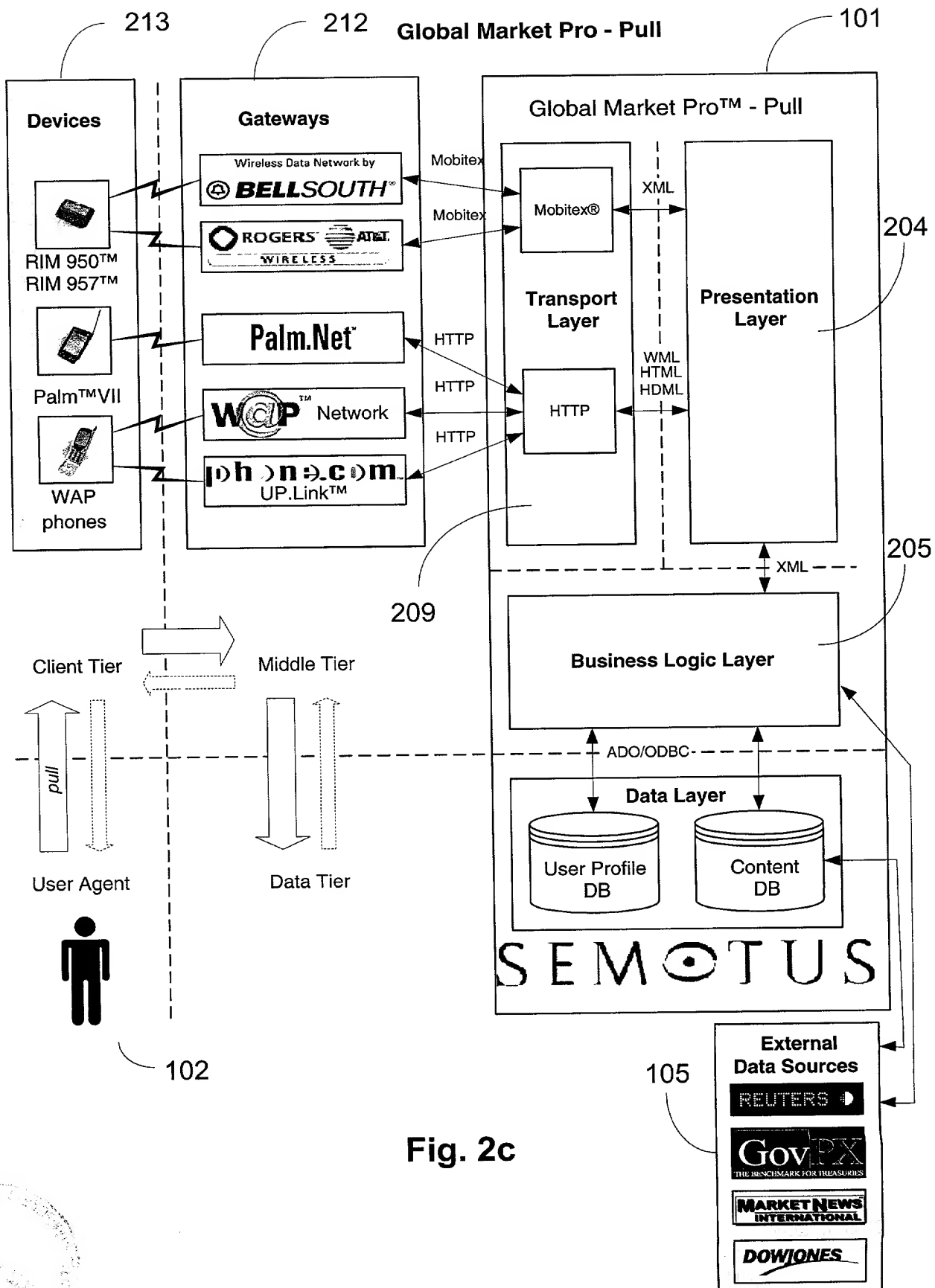


Fig. 2c

GMPPro Account Maintenance

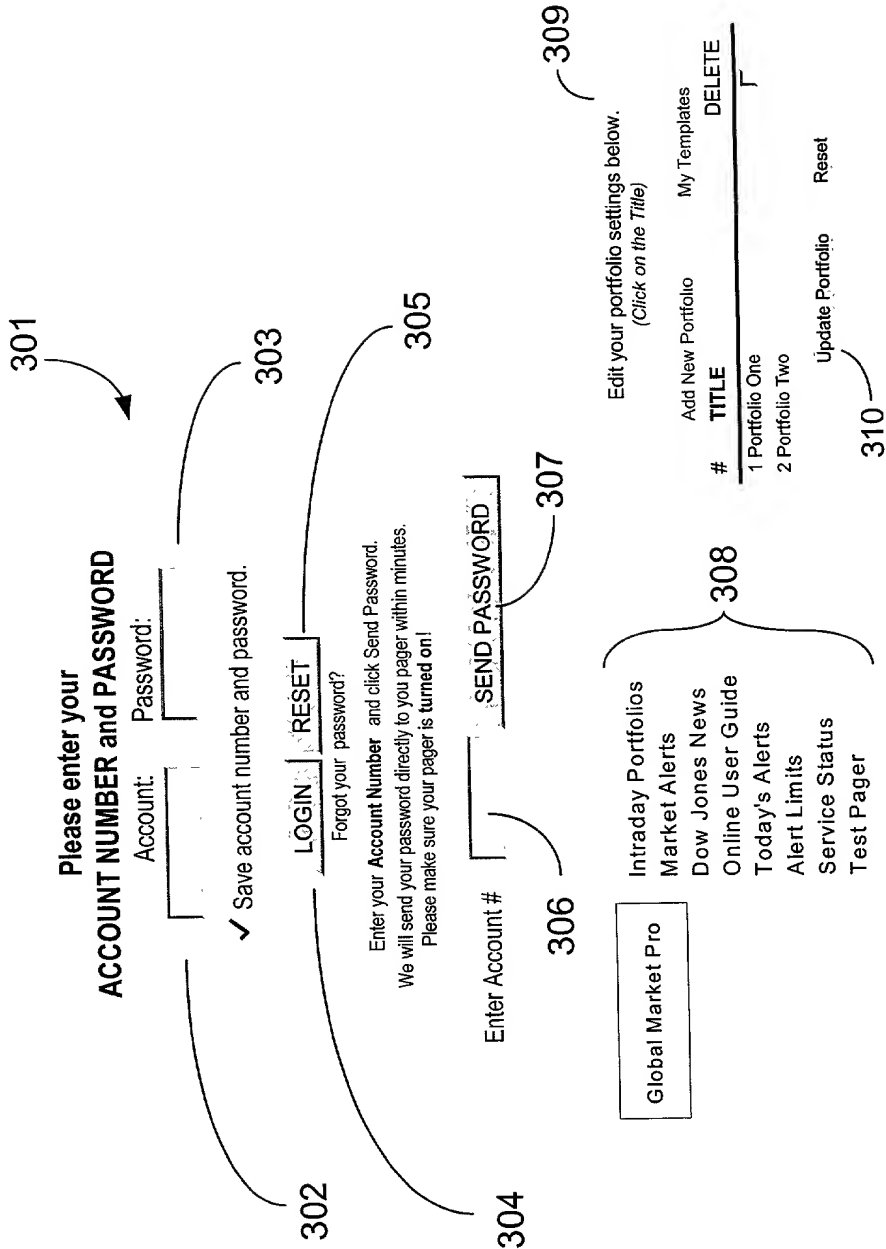


Fig. 3a

312

Fig. 3b

Add your template settings below:

Template Name:

Field Number Add >>

<< Remove

Display Heading

Submit

Fig. 3c

Edit your template settings below:

Template Name:

Field Number Add >>

<< Remove


Display Heading

Last Value
Net Change
HIGH_1
LOW_1
ACVOL_1

Submit

Fig. 3d

Default Display Templates



Type of RICs (Example RICs)	Fields Displayed on the Default Template
NASDAQ Equities (MSFT.O)	NASDAQ Market Indicator, Tick Indicator, Last, Net Change, Bid, Ask, High, Low, Accumulated Volume
North American Equities (IBM.N)	Tick Indicator, Last, Net Change, Bid, Ask, High, Low, Accumulated Volume
International Monetary Market Futures (EDH1)	Contract Name, Bid Tick, Bid, Offered, High, Low, Settle (displayed in 32nds)
West Texas Crude & Oils (WTC)	Buy, Sell, Terms (of Delivery), Delivery Date
Spot Energy (AL-ALLOY)	Bid Tick, Bid, Offered
LIBOR Rates (LIUSD3MD=)	Instrument Name, Tick Indicator, Latest Rate
London Int. Futures & European Futures (FGBLH1)	Contract Name, Tick Indicator, Latest, Net Change, High, Low, Settle

Fig. 4a

Pre-Defined Display Templates

Template Name	Instrument Type Use	Fields Displayed
GMPPro1	Commodities	BID, ASK
GMPPro2	Commodities (no text header)	BID TICK, BID, ASK
GMPPro3	Currencies	BID, ASK, HIGH, LOW
GMPPro4	Currencies	BID, ASK
GMPPro5	Currencies	HIGH, LOW
GMPPro6	Currencies (no text header)	BID TICK, BID, ASK
GMPPro7	Equities	TICK INDICATOR, LAST, NET CHANGE
GMPPro8	Futures (International) (no text header)	CONTRACT NAME, TICK INDICATOR, LAST, NET CHANGE, HIGH, LOW
GMPPro9	Futures (North American in 32nds) (no text header)	CONTRACT NAME, BID TICK. BID, ASK, HIGH, LOW

Fig. 4b

Pre-Defined Display Templates

Template Name	Instrument Type Use	Fields Displayed
GMPPro10	Futures (North American) (no text header)	CONTRACT NAME, BID TICK, BID, ASK, HIGH, LOW
GMPPro11	GovPX	BID TICK, BID, ASK, YIELD, NET YIELD
GMPPro12	GovPX (with Net Yield) (no text header)	BID TICK, BID, ASK, YIELD, NET YIELD
GMPPro13	GovPX (w/o Net Yield) (no text header)	BID TICK, BID, ASK, YIELD
GMPPro14	Indices (no text header)	TICK INDICATOR, LAST, NET CHANGE
GMPPro15	IRS (no text header)	BID TICK, BID, OFFERED
GMPPro16	Rates (International) (no text header)	TICK INDICATOR, LATEST RATES, CONTRIBUTOR
GMPPro17	Rates (USA) (no text header)	CONTRACT NAME, TICK, LATEST RATE
GMPPro18	Treasury	BID, OFFERED, YIELD

Fig. 4c

FOUO "FEET"



Custom Display Templates

Add your template settings below:

Template Name:

Field Number Add >> << Remove

Display Heading

Submit

Fig. 4d

Edit your template settings below:

Template Name:

Field Number Add >> << Remove

Display Heading

Last Value
Net Change
HIGH_1
LOW_1
ACVOL_1

Submit

Fig. 4e

Internet Account Maintenance

Please enter your
ACCOUNT NUMBER and PASSWORD

Account: Password:

✓ Save account number and password.

LOGIN

RESET

Forgot your password?

Enter your **Account Number** and click Send Password.

We will send your password directly to you pager within minutes.

Please make sure your pager is **turned on!**

Enter Account #

SEND PASSWORD

Global Market Pro

Intraday Portfolios

Market Alerts

Dow Jones News

Online User Guide

Today's Alerts

Alert Limits

Service Status

Test Pager

Fig. 5a

Market Alerts

Add New Filters

RIC: MSFT.O

Alias

Microsoft

#	Filter Type	Filter Value
1.	% Change Alert on Last	1
2.	% Change Alert on Last	20
3.	% Change Alert on Last	
4.	% Change Alert on Last	

Fig. 5b



GMPPro - On-Demand Advanced - Market Alerts

To add New Market Alerts enter a RIC in the box

and click here

NEW ENTRY

601

602

RIC	Alias	Filter Type	Value	Delete
<u>MSFT.O</u>	Microsoft			<input type="checkbox"/>
	%Chg Alrt on Last		1	
	%Chg Alrt on Bid		20	
		Update Portfolio	Reset	

603

Fig. 6a

Yesterday's Alerts

Today's Alerts GMPPro On-Demand

Date: Friday, February 2, 2001

Number of alerts today to your GMPPro On-Demand service:

Time	Message	Status
6:15:09 AM	Microsoft % Chg-(22) MMQ +63 3/8 NChg -1 1/8 B	OK

604

Fig. 6b



Market Alert - Filter Types

Financial Instrument	RIC Example	Market Alert Filter Types
Equities	MSFT.O	% Change Alert on Bid % Change Alert on Last Change Alert on Bid Change Alert on Last High Alert on Bid High Alert on Last High Alert on Trade Volume Low Alert on Bid Low Alert on Last
Futures	EDZ1	% Change Alert on Last % Change Alert on Yield Change Alert on Last Change Alert on Yield High Alert on Last High Alert on Yield Low Alert on Last Low Alert on Yield
Treasuries	US30YT=PX	% Change Alert on Last % Change Alert on Yield % Change Alert on BTYSPD Change Alert on Last Change Alert on Yield Change Alert on BTYSPD High Alert on Last High Alert on Yield High Alert on BTYSPD Low Alert on Last Low Alert on Yield Low Alert on BTYSPD Change Alert on % 1 Day Chg

Fig. 7a

Market Alert - Filter Types (continued)

Financial Instrument	RIC Example	Market Alert Filter Types
Indices	.DJI	% Change Alert on Last Change Alert on Last High Alert on Last Low Alert on Last Volume Alert on Volume
Interest Rate SWAPS	USD10YTS=ICAP	% Change Alert on Last Change Alert on Last High Alert on Last Low Alert on Last
International Futures	FGBLU1	% Change Alert on Last Change Alert on Last High Alert on Last Low Alert on Last Open
Rates (such as LIBOR)	LIUSD3MD=	% Change Alert on Last Change Alert on Last High Alert on Last Low Alert on Last
Spot Rates (Currencies & Commodities)	JPY=	% Change Alert on Bid Change Alert on Bid High Alert on Bid Low Alert on Bid

Fig. 7b



FD-500 (Rev. 10-6-95)

801



Alert Type	Alert Message Identifier
Change	Chg.
Close	C
Volume	Vol.
High	H
Low	L
Open	O
Percentage Change	%Chg

Alert Message Identifiers
One-Way Pager

Fig. 8



Internet Account Maintenance

Please enter your
ACCOUNT NUMBER and PASSWORD

Account: Password:

✓ Save account number and password.

Forgot your password?

Enter your **Account Number** and click **Send Password**.
We will send your password directly to you pager within minutes.
Please make sure your pager is turned on!

Enter Account #

Global Market Pro

Intraday Portfolios

Market Alerts

Dow Jones News

Online User Guide

Today's Alerts

Alert Limits

Service Status

Test Pager

308

Fig. 9a

News Query Name:

Keyword(s): _____
Ticker _____
Symbol(s): _____
Ticker Symbol Search: _____

Fig. 9b

GMPro - On-Demand Advanced - Dow Jones News

Market Talk Setup Screen

Request Name: _____

1) Set Headline Keyword/Ticker Symbol Criteria: (Please separate the keywords and symbols with comma or space.)

Keyword(s): _____

Ticker Symbol(s): _____

Ticker Symbol Search

2) Set Headline Time-Stamp Criteria:

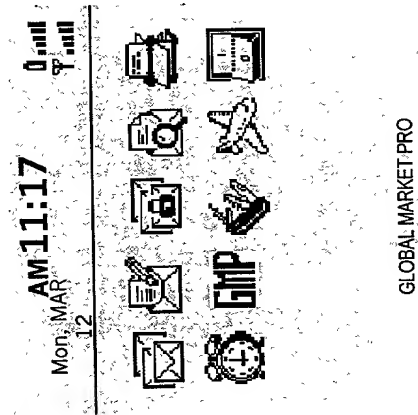
☒ All Headlines in previous 48 hours

☐ All Headlines since:

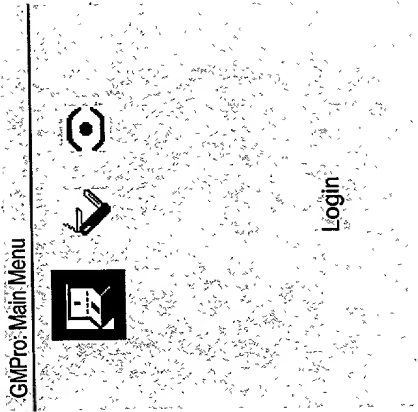
Fig. 9c



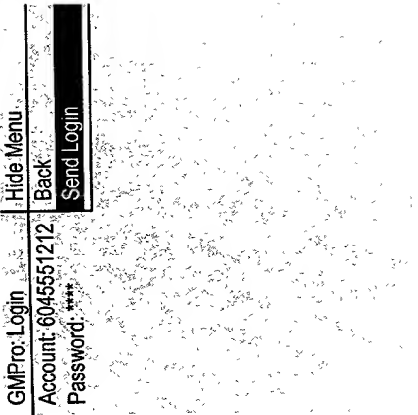
GMPPro 2.0 - RIM 957 Screen Flow



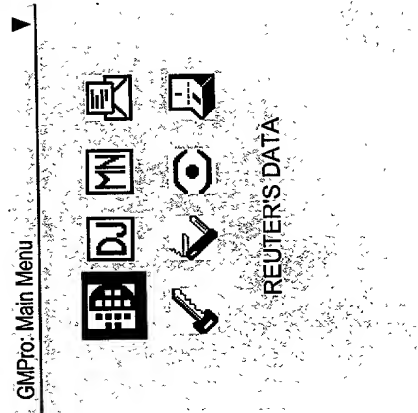
(a)



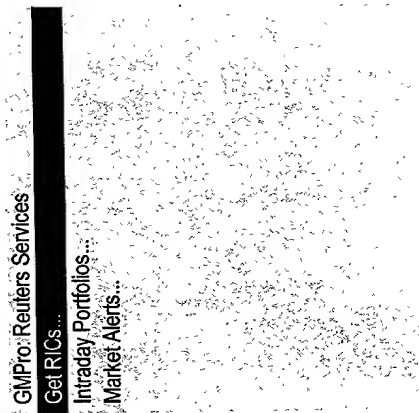
(b)



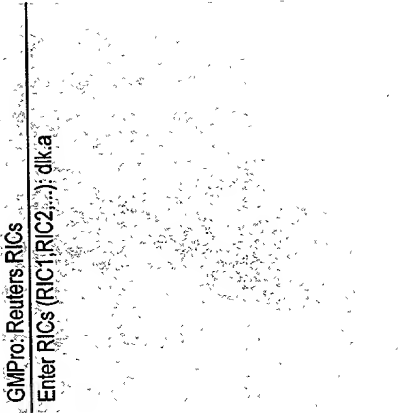
(c)



(d)



(e)



(f)

Fig. 10a

GMPro:	Hide Menu
dlk.a	Back
-2 11/16 NCkg	Main
B 2 10/16 A	Save Message
Hi 2 7/8 LO 2 5/8	Add to Intraday Portfolio
V 47/00	

(g)

GMPro: Reuters	Hide Menu
Portfolio 1	Back
Portfolio 2	Main
Portfolio 3	Refresh Portfolios
Portfolio 5	Add New Portfolio
Portfolio 6	Get Data
	Edit Portfolio
	Delete Portfolio

(h)

GMPro: Reuters	Hide Menu
Portfolio 1	Back
Portfolio 2	Main
Portfolio 3	Refresh Portfolios
Portfolio 5	Add New Portfolio
Portfolio 6	Get Data
	Edit Portfolio
	Delete Portfolio

(i)

GMPro: Reuters	Hide Menu
Portfolio 1	Back
Portfolio 2	Main
Portfolio 3	Refresh Portfolios
Portfolio 5	Add New Portfolio
Portfolio 6	Get Data
	Edit Portfolio
	Delete Portfolio

(j)

GMPro: Add Portfolio	
Portfolio Name:	
Time Settings: On Demand	
New Symbols	

(k)

GMPro: Market Alert	Hide Menu
DLKA	Back
	Main
	Refresh Alerts
	Add New Alert
	Edit Alert
	Delete Alert

(l)

Fig. 10b

GMPro: Add Alerts

Enter RIC: dlk.a.JPY=

Hide Menu

Back

Main

Submit

GMPro: DLK.A - Filters

Hide Menu

Back

Main

Save Alert & Back

Add Filter

GMPro: Add Filter

Filter: % Change on

Value: 10

Hide Menu

Back

Main

Save & Back

(m)

GMPro: dlk.a - Filters

% Change on

Value: 10

Hide Menu

Back

Main

Save Alert & Back

Add Filter

Edit Filter

Delete Filter

(p)

(n)

GMPro: FX Bullets

Get Most Recent

Get Historical By Keywords...

(q)

(o)

GMPro: FX Historical

Enter Keywords (key1...)

exchange

Hide Menu

Back

Main

Get Data

(r)

Fig. 10c

GMPro: News (1 of 7)
 13:34 EST 03/12 GREENSPAN GOES
 BEFORE GORE'S COLUMBIA
 JOURNALISM CLASS MAR 21> -Fed
 Chairman to Discuss Relationship
 Between the Media and the
 Financial Markets - Class
 Expected to be Closed to the
 Working Press WASHINGTON
 (MktNews) - Federal Reserve
 Chairman Alan Greenspan is
 scheduled to appear before
 Columbia University Journalism
 students March 21, as part of

(s)

GMPro: Quick Query
 *DJ News Nova Sco
 DJ UN Forces Move
 DJ BOTCO Enhances
 DJ Key Interest Rates
 DJ MARKET TALK/AU Full Headline
 DJ MARKET TALK: Nomura Economists...
 DJ Australia PM: Econ Fundamental...
 DJ SLUG Investments Tuesday \$58
 *DJ CRB Spot Idx Close 218.11-2...
 DJ Agency Insurance for March 14, all Is...
 DJ Ukraine To Set Regular Wage Prices...
 DJ MARKET TALK/AU: Aussie PM Kicks...
 DJ MARKET TALK/AU: USD Sees new...

(v)

GMPro: DJNews
 Portfolio 1
 Portfolio 2
 Portfolio 3
 Portfolio 5
 Portfolio 6
 Hide Menu
 Back
 Refresh Portfolios...
 Quick Query...

(t)

GMPro: Story (1 of 7)
 13:34 EST 03/12 GREE
 BEFORE GORE'S COL
 JOURNALISM CLASS
 Chairman to Discuss Re
 Between the Media and the
 Financial Markets - Class
 Expected to be Closed to the
 Working Press WASHINGTON
 (MktNews) - Federal Reserve
 Chairman Alan Greenspan is
 scheduled to appear before
 Columbia University journalism
 students March 21, as part of

(w)

GMPro: Quick Query
 New Query
 Enter Symbols
 Enter Keyword: excha
 Hide Menu
 Back
 Main
 Get Headlines
 Save to Portfolio...

(u)

GMPro: Settings
 Country
 Gateway 1: 5000795
 Gateway 2: 101882
 Gateway 3: 101882
 Timeout (seconds): 120
 Push Notify
 Pull Notify
 Tone
 Silent

(x)

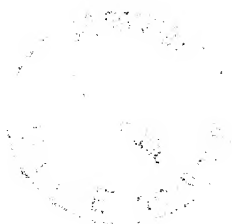
Fig. 10d

TOP SECRET REF ID: A66666

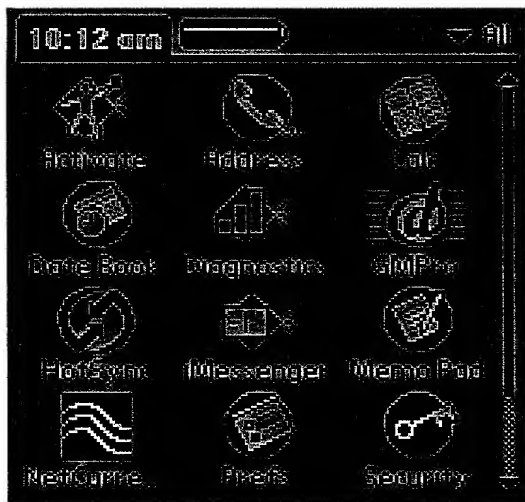
GMPPro: Account Settings	
Service Status: ACTIVE	
Change Password:	
Old Password:	
New Password:	
Confirm New Password:	

(y)

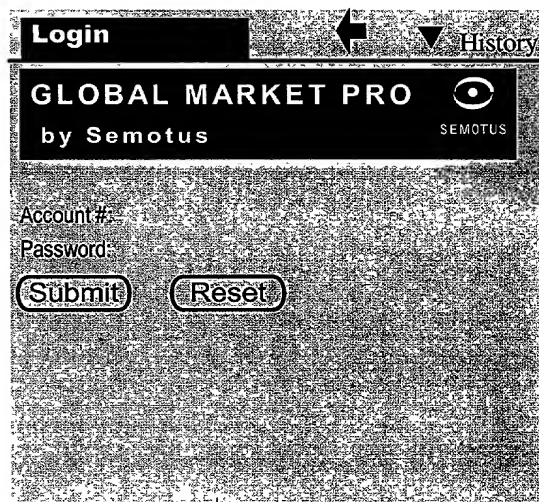
Fig. 10e



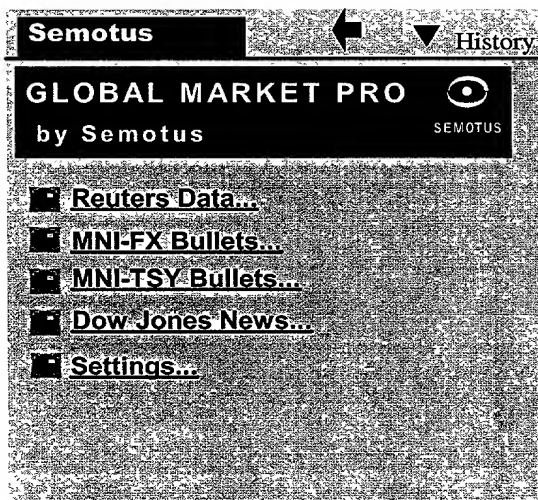
FOUO "FEE 18860



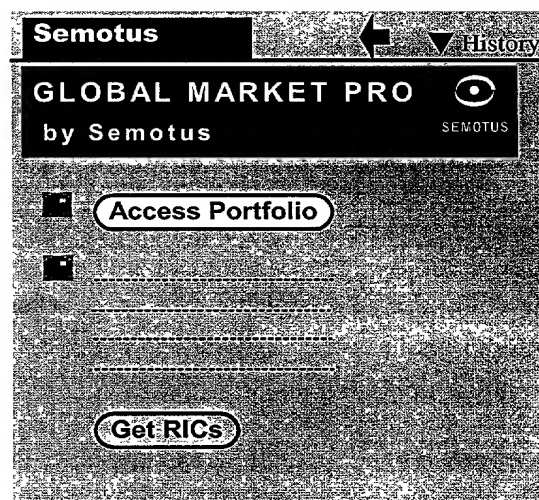
(a)



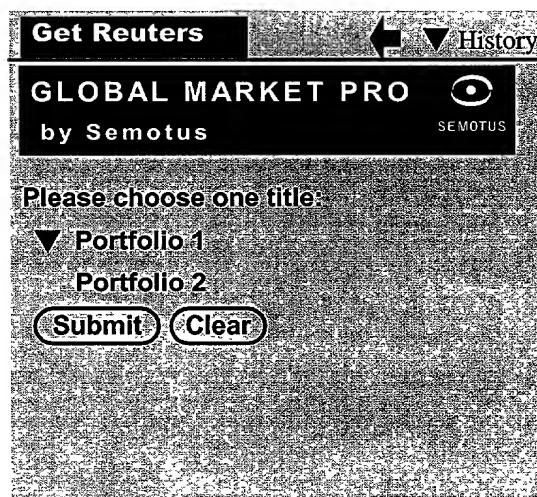
(b)



(c)

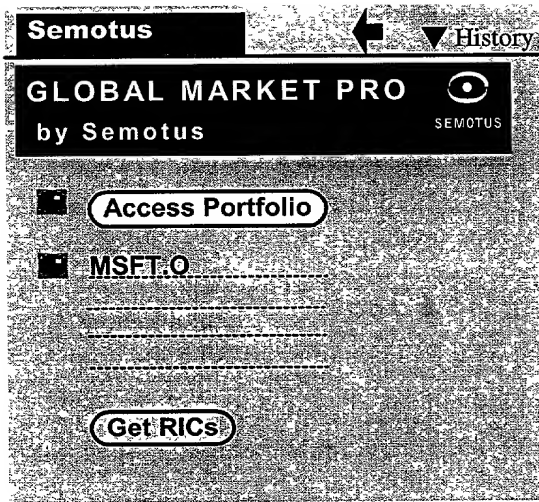


(d)

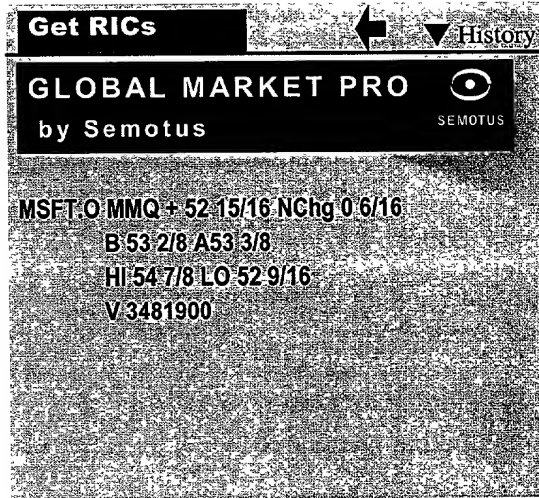


(e)

Fig. 12a



(f)



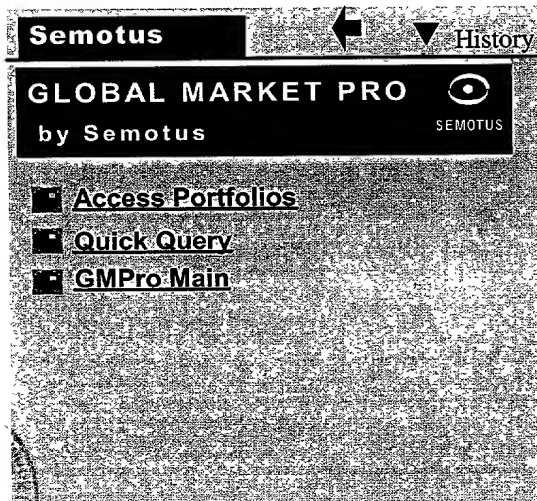
(g)



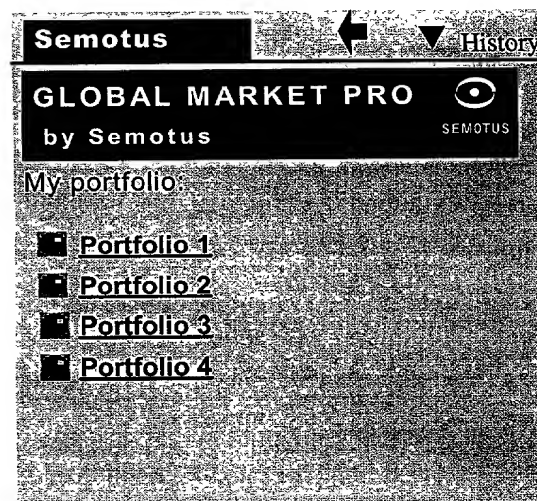
(h)



(i)



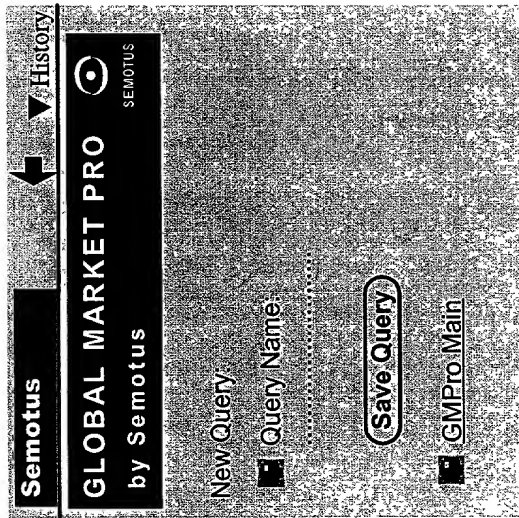
(j)



(k)

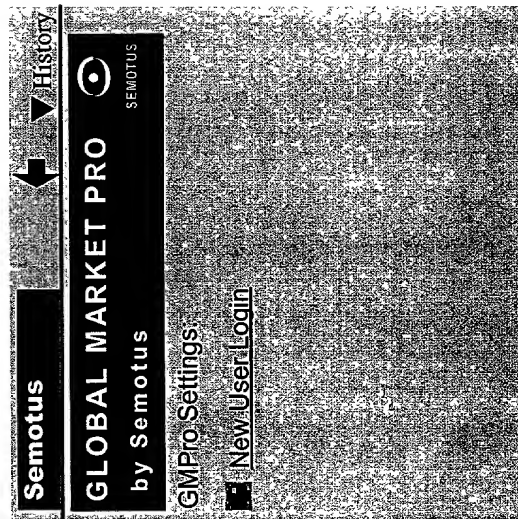
Fig. 12b

FOUO "FEFEB60



(l)

(m)



(n)

Fig. 12c

GMPro: Login

Account

Password

Enter Login

Next Back

(a)

GMPro: Reuters Portfolio

Bond Futures
Currency Bid / Ask
Dealing 2000 - 2
Equities
Euro Futures
Euro Yen Aussie
EURODOLLARS
European Futures

Get Data Back Refresh

Select Menu

(d)

GMPro: FX-Bullets

Get Most Recent ...
Get by Keyword ...
Get by Time ...

Get Data Back

Select Menu

(g)

GMPro: Main Menu

Reuters Services ...
MNI-FX-Bullets ...
MNI-TSY-Bullets ...
Login ...

Next Exit

Select Menu

(b)

GMPro: Main Menu

! Your request has been sent to Semotus.

OK

Get Data

(e)

GMPro:

Enter Keyword: market, exchange rates

Get Data Back

Enter Data

(h)

GMPro: Reuters Services

Access Portfolios ...
Get RICs ...

Next Exit

Select Menu

(c)

GMPro: TSY-Bullets

Get Most Recent
Get by Keyword ...
Get by Time ...

Get Data Back

Select Menu

(f)

New Message 1 of 3

Email Host@mustang.semotus.com
Email Host Response: 10s and OTR
10s. Japanese accts were strong
buyers of 5Y and 10Y agencies. -
Treasuries entered NY time in
positive territory. sources noted some
early morning curve unwinds, selling

OK

Enter Data

(i)

Fig. 13